

### **Abstract**

A filler and an electrical cable including the filler wherein the filler is positioned within an outer jacket of the cable along with a plurality of conductors. The filler features a core being formed of a foamed material and having a dielectric enhancing section extending there through.

- 5 The core also includes a plurality of voids that are formed for example, either by using a foaming agent or by the injection of a gas during an extrusion process.